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JUNE 03, 2004

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MARGER JOHNSON & MCCOLLOM, P.C. ALAN T. MCCOLLOM 1030 S.W. MORRISON STREET PORTLAND, OR 97205

> UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 06/01/2004

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 9898-325

ASSIGNOR:

LEE, TAE-JUNG

DOC DATE: 12/15/2003

ASSIGNOR:

KIM, BYUNG-SUN

DOC DATE: 12/17/2003

ASSIGNOR:

LEE, JOON-HYUNG

DOC DATE: 12/15/2003

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EXHIBIT

MARGER JOHNSON

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6/3/04 10:08

PAGE 3/4

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014680/0634 PAGE 2

SERIAL NUMBER: 10751178

FILING DATE: 01/02/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: DUAL PORT SEMICONDUCTOR MEMORY DEVICE

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8/3/04 10:08 PAGE

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06/01/2004 700088411 @1003

PATENT APPLICATION
Docket No. 9898-325
Client No. SS-18274-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

Name of party(ies) conveying an interest:

· Tac-Jung Lee, Byung-Sun Kim, and Joon-Hyung Lee

I hereby certify that this correspondence is being transmitted to the U.S. Patent and

Trademark Office via faction o number 703-306-5995, on June 1,2004.

Name and address of party(ies) receiving an interest.

Samsung Electronics Co., Ltd. 416 Mactan-dong, Yoongtong-gu, Suwon-City Kynngid-do, Republic of Korea

3. Description of the interest conveyed:

Assignment Change of Name Security Agreement Merger

Date of execution of attached document: December 15, 2003 and December 17, 2003

4. Application number(s) or patent number(s). Additional sheet attached? Yes ___ No X

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No. 10/751,178, filed on 02 Jan 2004

Name and address of party to whom correspondence concerning document should be mailed:

MARGER JOHNSON & McCOLLOM, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205 Telephone: (503) 222-3613

Number of applications and patents involved: 1

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true
copy of the original document.

Dated: June 1, 2004

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

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Total number of pages comprising cover sheet and attached assignment: 3

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